CLAIMS

What is claimed is:

1. A method of designing and building an e-business system comprising:

   identifying one or more domains, each said domain comprising one or more patterns having domain specific information;

   generating an intermediate set of patterns having selected patterns from said one or more domains; and

   combining patterns in said intermediate set of patterns to produce a multi-domain pattern, said multi-domain pattern defining components of said e-business system.

2. The method of claim 1 wherein said selected patterns are selected according to a first criteria.

3. The method of claim 2 further comprising progressively refining said intermediate set of patterns according to a second criteria.

4. The method of claim 3 wherein said second criteria is narrower than said first criteria.

5. The method of claim 1 wherein one of said domains comprises a security domain.

6. The method of claim 1 wherein one of said domains comprises a functional domain.

7. The method of claim 1 wherein one of said domains comprises a performance domain.

8. The method of claim 1 wherein said one or more patterns having domain specific information comprise business security patterns.

9. The method of claim 1 wherein said one or more patterns having domain specific information comprise eBusiness patterns.

10. The method of claim 1 further comprising storing said intermediate set of patterns in a database.

11. The method of claim 1 further comprising implementing said e-business system according to said multi-domain pattern.

12. The method of claim 1 wherein said multi-domain pattern defines one or more hardware components in said e-business system.

13. The method of claim 1 wherein said multi-domain pattern defines one or more software components in said e-business system.

14. A method of designing and building an e-business system comprising:

    identifying a plurality of domains, each said domain comprising one or more patterns having domain specific information;

    selecting a first set of patterns from one or more said domains based on a first criteria;

    selecting a second set of patterns from said first set of patterns based on a second criteria, said second criteria being narrower in scope than said first criteria; and

    generating a multi-domain pattern based on said second set of patterns, said multi-domain pattern defining components of said e-business system.

15. The method of claim 14 wherein one of said first and second criteria comprises criteria representative of a customer's requirements.

16. The method of claim 14 wherein one of said first and second criteria comprises criteria representative of industry regulations.

17. The method of claim 14 comprising storing said first and second criteria in a database.

18. The method of claim 17 further comprising storing said first and second sets of patterns in said database after said first and second sets of patterns are selected.

19. The method of claim 14 wherein selecting a first set of patterns from one or more said domains comprises displaying potential conflicts between said patterns in said first set of patterns.

20. The method of claim 14 wherein generating said multi-domain pattern comprises combining said second set of patterns.

21. The method of claim 20 wherein combining said second set of patterns comprises associating components of said second set of patterns in a file stored in a database.

22. The method of claim 14 further comprising implementing said e-business system according to said multi-domain pattern.

23. A system for designing and building an e-business system comprising:

a server;

a database communicatively linked to said server; and

a controller communicatively linked to said server and said database, said

controller adapted to:

display one or more domains to a user, wherein each said domain

includes one or more patterns having domain specific information;

generate an intermediate set of patterns having selected patterns from

said one or more domains according to a predetermined criteria; and

combine patterns in said intermediate set of patterns to produce a multi-

domain pattern that defines components of the e-business system.

24. The system of claim 23 further comprising a workstation communicatively linked to said server and said database.

25. The system of claim 23 wherein said controller is further adapted to display potential conflicts between said selected patterns.

26. The system of claim 23 wherein said controller is further adapted to store said predetermined criteria in said database.

27. The system of claim 23 wherein said controller is further adapted to store said intermediate set of patterns in said database.

28. A controller configured to:

> display one or more domains to a user, wherein each said domain includes one
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> or more patterns having domain specific information;
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> generate an intermediate set of patterns having selected patterns from said one
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> or more domains according to a first criteria; and
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> combine patterns in said intermediate set of patterns to produce a multi-domain
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> pattern that defines components of the e-business system.

29. The controller of claim 28 wherein said controller is further adapted to progressively refine said intermediate set of patterns according to a second criteria, said second criteria being narrower than said first criteria.

30. The method of claim 28 further comprising implementing said e-business system according to said multi-domain pattern.